Widening & Comprehensive Development of Singapura Garden Ro[illegible]ere Main Road (Precision Components Factory) to Shrinikethan Layo[illegible]t)

Detailed Measurements

Measurement Recorded On: 11/3/2022 2/5/2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
20	Providing and laying in possition plain cement concrete of mix 1:2:4 for sub-structure works like Culverts,retaining walls etc.,with cement@ 240 kgs, 40 mm & down size graded granite metal coarse aggreate @ 0.84 cum and fin aggregates @ 0.46cum machine mixed, with necessary scoffolding form work etc., including cost of labour, HOM curing etc., complete						
	Singapura Garden Road						
	RCC Drain						
	From SWD LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 48.80m	1	18.80	1.10	0.15	3.10	
	Culvert link Gap						
	Ch: 48.80m to 78.80m	1	30.00	1.10	0.15	4.95	
	Ch: 78.80m to 108.60m	1	29.80	1.10	0.15	4.92	
	Ch:108.60m to 138.60m	1	30.00	1.10	0.15	4.95	
	Ch: 138.60m to 168.60m	1	30.00	1.10	0.15	4.95	
	Ch: 168.60m to 198.60m	1	30.00	1.10	0.15	4.95	
	Ch: 198.60m to 216.70m	1	18.10	1.10	0.15	2.99	
	Culvert Gap						
	Ch: 216.70m to 246.70m	1	30.00	1.10	0.15	4.95	
	Ch: 246.70m to 276.70m	1	30.00	1.10	0.15	4.95	
	Ch: 276.70m to 306.70m	1	30.00	1.10	0.15	4.95	
	Ch: 306.70m to 329.80m	1	23.10	1.10	0.15	3.81	
	Continued						
	Ch: 329.80m to 332.90m	1	3.10	1.10	0.15	0.51	
	Ch: 332.90m to 351.30m	1	18.40	1.10	0.15	3.04	
	RHS From End						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 52.30m	1	22.30	1.10	0.15	3.68	
	Ch: 52.30m to 54.00m	1	1.70	1.10	0.15	0.28	
	Ch: 54.00m to 82.70m	1	28.70	1.10	0.15	4.74	
	Ch: 82.70m to 94.40m	1	11.70	1.10	0.15	1.93	
	Ch: 94.40m to 104.10m	1	9.70	1.10	0.15	1.60	
	Ch: 104.10m to 115.80m	1	11.70	1.10	0.15	1.93	
	Ch: 115.80m to 129.30m	1	13.50				
	Ch: 129.30m to 140.70m	1	11.40	1.10	0.15	1.88	
	Ch: 140.70m to 158.60m	1	17.90	1.10	0.15	2.95	
	Culvert Gap						
	Ch: 158.60m to 186.30m	1	27.70				
	Culvert Gap						
	Ch: 186.30m to 202.10m	1	15.80	1.10	0.15	2.61	

Executive Engineer
Roads Infrastructure, Dasarahalli Division
Bruhat Bengaluru Mahanagara Palike
Bengaluru- 04.

C&FC

tractor

Nez Infratech Pvt. Ltd. Consultant

Asst.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯ...
ರಸ್ತೆ ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು, (ದಾಸರಹಳ್ಳಿ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೆಂಗಳೂರು

Asst. Executive Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 202.10m to 217.00m	1	14.90				
	Culvert Gap						
	Ch: 217.00m to 247.00m	1	30.00	1.10	0.15	4.95	
	247.00m to 255.70m	1	8.70	1.10	0.15	1.44	
	Culvert Gap						
	255.70m to 278.70m	1	23.00	1.10	0.15	3.80	
	SWD to Main Road RHS						
	Ch: 0.00m to 7.80m	1	7.80	1.10	0.15	1.29	
	Culvert gap						
	Ch: 7.80m to 37.80m	1	30.00	1.10	0.15	4.95	
	Ch: 37.80m to 43.80m	1	6.00	1.10	0.15	0.99	
	Culvert gap						
	Ch: 43.80m to 73.80m	1	30.00	1.10	0.15	4.95	
	Ch: 73.80m to 102.80m	1	29.00	1.10	0.15	4.79	
	SWD to Main Road LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 60.00m	1	30.00	1.10	0.15	4.95	
	Ch: 60.00m to 90.00m	1	30.00	1.10	0.15	4.95	
	Ch: 90.00m to 101.00m	1	11.00	1.10	0.15	1.82	
	School Gate						
	LHS						
	Ch: 0.00m to 11.60m	1	11.60	0.80	0.15	1.39	
	Ch: 11.60m to 38.80m	1	27.20	0.80	0.15	3.26	
	RHS						
	Ch: 0.00m to 12.40m	1	12.40	0.80	0.15	1.49	
	Ch: 12.40m to 37.50m	1	25.10	0.80	0.15	3.01	
	Athithi Café Opposite						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 60.00m	1	30.00	1.10	0.15	4.95	
	Ch: 60.00m to 90.00m	1	30.00	1.10	0.15	4.95	
	Ch: 90.00m to 103.00m	1	13.00	1.10	0.15	2.15	
	3rd A cross Rhs						
	Ch: 0.00m to 30.00m	1	30.00	1.00	0.15	4.50	
	Ch: 30.00m to 40.00m	1	10.00	1.00	0.15	1.50	
	Road Gap						
	Ch: 40.00m to 69.10m	1	29.10	1.00	0.15	4.37	
	Road Gap						
	Ch: 69.10m to 91.90m	1	22.80	1.00	0.15	3.42	
	3rd A cross Lhs from dead end						
	Ch: 0.00m to 18.20m	1	18.20	1.00	0.15	2.73	
	Culvert Gap						
	Ch: 18.20m to 48.20m	1	30.00	1.00	0.15	4.50	
	Ch: 48.20m to 78.20m	1	30.00	1.00	0.15	4.50	
	Ch: 78.20m to 92.70m	1	14.50	1.00	0.15	2.18	
	3rd B cross Rhs						

tractor

Consultant

Asst Engineer

Asst. Executive Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 0.00m to 30.00m	1	30.00	1.00	0.15	4.50	
	Ch: 30.00m to 60.00m	1	30.00	1.00	0.15	4.50	
	Ch: 60.00m to 61.20m	1	1.20	1.00	0.15	0.18	
	3rd Main Lhs						
	Ch: 0.00m to 18.70m	1	18.70	1.00	0.15	2.81	
	3rd Main Rhs						
	Ch: 0.00m to 24.20m	1	24.20	1.00	0.15	3.63	
	4th Main Lhs						
	Ch: 0.00m to 30.00m	1	30.00	1.00	0.15	4.50	
	Ch: 30.00m to 48.90m	1	18.90	1.00	0.15	2.84	
	4th Main Rhs						
	Ch: 0.00m to 30.00m	1	30.00	1.00	0.15	4.50	
	Ch: 30.00m to 13.70m	1	13.70	1.00	0.15	2.06	
	Culvert	1	7.10	1.50	0.15	1.60	
	LHS						
	RHS	1	7.50	1.50	0.15	1.69	
		1	7.00	1.50	0.15	1.58	
		1	7.20	1.50	0.15	1.62	
		1	7.50	1.50	0.15	1.69	
	SWD to Main Road RHS	1	5.50	1.50	0.15	1.24	
		1	4.80	1.50	0.15	1.08	
	Starting Culvert Expansion	1	5.50	1.50	0.15	1.24	
		1	18.00	1.50	0.15	4.05	
	Compound Wall - PCC						
	From SWD LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.00	0.15	4.50	
	Ch: 30.00m to 48.80m	1	18.80	1.00	0.15	2.82	
	Ch: 48.80m to 78.80m	1	30.00	1.00	0.15	4.50	
	Ch: 78.80m to 108.60m	1	29.80	1.00	0.15	4.47	
	Ch: 108.60m to 138.60m	1	30.00	1.00	0.15	4.50	
	Ch: 138.60m to 168.60m	1	30.00	1.00	0.15	4.50	
	Ch: 168.60m to 198.60m	1	30.00	1.00	0.15	4.50	
	Ch: 198.60m to 216.70m	1	18.10	1.00	0.15	2.72	
	Ch: 216.70m to 221.60m	1	4.90	1.00	0.15	0.74	
	Gate Gap						
	Ch: 221.60m to 221.60m	1	4.90	1.00	0.15	0.74	
	Ch: 221.60m to 221.60m	1	30.00	1.00	0.15	4.50	
	Ch: 221.60m to 221.60m	1	30.00	1.00	0.15	4.50	
	Ch: 221.60m to 221.60m	1	30.00	1.00	0.15	4.50	
	Ch: 221.60m to 221.60m	1	23.10	1.00	0.15	3.47	
	Backside						
	Ch: 0.00m to 30.00m	1	30.00	1.00	0.15	4.50	

Executive Engineer
Roads Infrastructure, Dasarahalli Division
Bruhat Bengaluru Mahanagara Palike
Bengaluru-02

Contrastor

Consultant

Asst Engineer

Asst Executive Engineer

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 30.00m to 53.40m	1	23.40	1.00			0.15	3.51	
	Ch: 53.40m to 64.70m	1	11.30	1.00			0.15	1.70	
	SWD to Main Road								
	Ch: 0.00m to 30.00m	1	30.00	1.00			0.15	4.50	
	Ch: 30.00m to 57.00m	1	27.00	1.00			0.15	4.05	
	Deduct Compound Pillars								
	Road Side	-70	1.20	1.00			0.15	-12.60	
	Back Side	-22	1.20	1.00			0.15	-3.96	
	SWD to Main Road	-14	1.20	1.00			0.15	-2.52	
	Entrance Gate								
	Ch:404.30m to 414.90m	1	10.60	1.00			0.15	1.59	
	Ch:404.30m to 419.70m	1	4.80	1.00			0.15	0.72	
	Entrance Pillars								
	Ch: 30.00m to 339.60m	2	1.40	1.40			0.15	0.59	
	Compound Pillars								
	Road Side	70	1.20	1.20			0.15	15.12	
	Back Side	22	1.20	1.20			0.15	4.75	
	SWD to Main Road	14	1.20	1.20			0.15	3.02	
	Gate Entrance Concrete								
		1	4.70	6.20	4.00	5.10	0.15	3.60	
	CC Adjacent to SWD								
	Ch: 0.00m to 3.00m	0.5	3.00	0.00	2.10	1.05	0.15	0.24	
	Ch: 3.00m to 33.00m	1	30.00	2.10	1.85	1.98	0.15	8.89	
	Ch: 33.00m to 48.80m	1	15.80	1.85	1.55	1.70	0.15	4.03	
	Boundary Line Compound								
		1	26.00	1.20			0.15	4.68	
		1	30.00	1.20			0.15	5.40	
		1	20.00	1.20			0.15	3.60	
	For Footing	11	1.50	1.50			0.15	3.71	
						Present Qty		337.49	Cum

Checked
21/5

Executive Engineer
Roads Infrastructure, Dasarahalli Division
Bruhat Bengaluru Mahanagara Palike
Bengaluru- 02.

ıtractor

Nez Infratech Pvt. Ltd. Consultant

Asst.Engineer

Asst. Executive Engineer

Widening & Comprehensive Development of Singa[illegible]n Road from Abbigere Main Road (Precision Components Factory) to Sh[illegible]Layout (BDA Layout)

Detailed Measurements

Measurement Recorded On: 29/3/2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
21	Providing and laying in position plain/Reinforced cement cement concrete M20 for sub-structure/Superstructure works, with cement @ 320 kgs, 20 mm & down size graded granite metal coarse aggregate @ 0.69 cum and fine aggregates @ 0.46 cum machine mixed with super plasticisers @ 3Its confirming to IS 9103-2008,concrete laid in layers, well compacted and providing weep holes wherever necessary with necessary scaffolding,form work etc., including cost of labour, HOM curing etc., complete.						
	Singapura Garden Road						
	Compound Wall - Plinth						
	From SWD LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.30	0.30	2.70	
	Ch: 30.00m to 48.80m	1	18.80	0.30	0.30	1.69	
	Ch: 48.80m to 78.80m	1	30.00	0.30	0.30	2.70	
	Ch: 78.80m to 108.60m	1	29.80	0.30	0.30	2.68	
	Ch:108.60m to 138.60m	1	30.00	0.30	0.90	8.10	
	Ch: 138.60m to 168.60m	1	30.00	0.30	0.90	8.10	
	Ch: 168.60m to 198.60m	1	30.00	0.30	0.90	8.10	
	Ch: 198.60m to 216.70m	1	18.10	0.30	0.90	4.89	
	Ch: 216.70m to 221.60m	1	4.90	0.30	0.90	1.32	
	Gate Gap						
	Ch: 221.60m to 226.50m	1	4.90	0.30	0.90	1.32	
	Ch: 226.50m to 256.50m	1	30.00	0.30	0.90	8.10	
	Ch: 256.50m to 286.50m	1	30.00	0.30	0.90	8.10	
	Ch: 286.50m to 316.50m	1	30.00	0.30	0.90	8.10	
	Ch: 316.50m to 339.60m	1	23.10	0.30	0.90	6.24	
	Backside						
	Ch: 0.00m to 30.00m	1	30.00	0.30	2.40	21.60	
	Ch: 30.00m to 53.40m	1	23.40	0.30	2.40	16.85	
	Ch: 53.40m to 64.70m	1	11.30	0.30	2.40	8.14	
	SWD to Main Road						
	Ch: 0.00m to 30.00m	1	30.00	0.30	0.90	8.10	
	Ch: 30.00m to 57.00m	1	27.00	0.30	0.90	7.29	
	Deduct Compound Pillars						
	Road Side	-70	1.20	0.30	0.90	-22.68	
	Back Side	-22	1.20	0.30	0.90	-7.13	
	SWD to Main Road	-14	1.20	0.30	0.90	-4.54	
	Entrance Gate						
		1	10.60	0.45	0.90	4.29	
		1	4.80	0.45	0.90	1.94	
	Entrance Pillars Foundation						
		2	1.20	1.20	0.20	0.58	
		2	0.45	0.30	1.20	0.32	

Executive Engineer
Roads Infrastructure, Dasarahalli Division
Bengaluru Mahanagara Palike
Bengaluru- 02.

Infratech Pvt. Ltd.

tractor

Consultant

Asst.Engineer

Asst. Executive Engineer

tem No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
		2	0.45	0.30			3.35	0.90	
	Compound Pillars Foundation								
	Road Side	70	1.20	1.20			0.30	30.24	
	Back Side	22	1.20	1.20			0.35	11.09	
	SWD to Main Road	14	1.20	1.20			0.30	6.05	
	Compound Pillars Column Below ground level								
	Road Side	70	0.60	0.60			0.90	22.68	
	Back Side	22	0.60	0.60			0.90	7.13	
	SWD to Main Road	14	0.60	0.60			0.90	4.54	
	Compound Pillars Column Above ground level								
	Road Side	70	0.30	0.30			2.70	17.01	
	Back Side	22	0.30	0.30			2.50	4.95	
	SWD to Main Road	14	0.30	0.30			2.40	3.02	
	Gate Entrance Concrete								
		1	4.70	6.20	4.00	5.10	0.15	3.60	
	CC Adjacent to SWD								
	Ch: 0.00m to 3.00m	0.5	3.00	0.00	2.10	1.05	0.15	0.24	
	Ch: 3.00m to 33.00m	1	30.00	2.10	1.85	1.98	0.15	8.89	
	Ch: 33.00m to 48.80m	1	15.80	1.85	1.55	1.70	0.15	4.03	
	Boundary Line Compound								
	Foundation	1	26.00	1.20			0.45	14.04	
		1	30.00	1.20			0.45	16.20	
		1	20.00	1.20			0.45	10.80	
	For Footing	11	1.50	1.50			0.35	8.66	
	Boundary Line Compound								
	Wall	1	26.00	0.30			1.80	14.04	
		1	30.00	0.30			1.00	9.00	
		1	20.00	0.30			1.00	6.00	
	For Coloumn	11	0.60	0.60			1.20	4.75	
	Coloumn Above plinth	27	0.30	0.30			1.85	4.50	
							Present Qty	**319.26**	**Cum**

Checked
Dt: 29/3/22
Executive Engineer
Roads Infrastructure, Dasarahalli Division
Bruhat Bengaluru Mahanagara Palike
Bengaluru- 02.

Contractor

Consultant

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ರಸ್ತೆ ಮೂಲಸೌಕರ್ಯಗಳು, (ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
Asst. Executive Engineer

Widening & Comprehensive Development of Singapura Garden Road from Abbigere Main Road (Precision Components Factory) to Shri ... Layout (BDA Layout)

Detailed Measurements

Measurement Recorded On: 6/5/2022, 10/5/2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
22	KSRRB M2200-5.9. Providing and laying Design mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. - i) Upto 5 m height						
	Singapura Garden Road						
	RCC Drain Raft						
	From SWD LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch: 30.00m to 48.80m	1	18.80	0.90	0.15	2.54	
	Culvert link Gap						
	Ch: 48.80m to 78.80m	1	30.00	0.90	0.15	4.05	
	Ch: 78.80m to 108.60m	1	29.80	0.90	0.15	4.02	
	Ch:108.60m to 138.60m	1	30.00	0.90	0.15	4.05	
	Ch: 138.60m to 168.60m	1	30.00	0.90	0.15	4.05	
	Ch: 168.60m to 198.60m	1	30.00	0.90	0.15	4.05	
	Ch: 198.60m to 216.70m	1	18.10	0.90	0.15	2.44	
	Culvert Gap						
	Ch: 216.70m to 246.70m	1	30.00	0.90	0.15	4.05	
	Ch: 246.70m to 276.70m	1	30.00	0.90	0.15	4.05	
	Ch: 276.70m to 306.70m	1	30.00	0.90	0.15	4.05	
	Ch: 306.70m to 329.80m	1	23.10	0.90	0.15	3.12	
	Continued						
	Ch: 329.80m to 332.90m	1	3.10	0.90	0.15	0.42	
	Ch: 332.90m to 351.30m	1	18.40	0.90	0.15	2.48	
	RHS From End						
	Ch: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch: 30.00m to 52.30m	1	22.30	0.90	0.15	3.01	
	Ch: 52.30m to 54.00m	1	1.70	0.90	0.15	0.23	
	Ch: 54.00m to 82.70m	1	28.70	0.90	0.15	3.87	
	Ch: 82.70m to 94.40m	1	11.70	0.90	0.15	1.58	
	Ch: 94.40m to 104.10m	1	9.70	0.90	0.15	1.31	
	Ch: 104.10m to 115.80m	1	11.70	0.90	0.15	1.58	
	Ch: 115.80m to 129.30m	1	13.50				
	Ch: 129.30m to 140.70m	1	11.40	0.90	0.15	1.54	
	Ch: 140.70m to 158.60m	1	17.90	0.90	0.15	2.42	
	Culvert Gap						
	Ch: 158.60m to 186.30m	1	27.70				
	Culvert Gap						
	Ch: 186.30m to 202.10m	1	15.80	0.90	0.15	2.13	

10/5

Executive Engineer
Roads Infrastructure, Dasarahalli Division
Bruhat Bengaluru Mahanagara Palike
Bengaluru- 02.

ractor

New Infratech Pvt. Ltd. Consultant

Asst.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Asst. Executive Engineer
ರಸ್ತೆ ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು, (ಮಾಲ್ಯ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

tem No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 202.10m to 217.00m	1	14.90						
	Culvert Gap								
	Ch: 217.00m to 247.00m	1	30.00	0.90			0.15	4.05	
	247.00m to 255.70m	1	8.70	0.90			0.15	1.17	
	Culvert Gap								
	255.70m to 278.70m	1	23.00	0.90			0.15	3.11	
	SWD to Main Road RHS								
	Ch: 0.00m to 7.80m	1	7.80	0.90			0.15	1.05	
	Culvert gap								
	Ch: 7.80m to 37.80m	1	30.00	0.90			0.15	4.05	
	Ch: 37.80m to 43.80m	1	6.00	0.90			0.15	0.81	
	Culvert gap								
	Ch: 43.80m to 73.80m	1	30.00	0.90			0.15	4.05	
	Ch: 73.80m to 102.80m	1	29.00	0.90			0.15	3.92	
	SWD to Main Road LHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90			0.15	4.05	
	Ch: 30.00m to 60.00m	1	30.00	0.90			0.15	4.05	
	Ch: 60.00m to 90.00m	1	30.00	0.90			0.15	4.05	
	Ch: 90.00m to 101.00m	1	11.00	0.90			0.15	1.49	
	School Gate								
	LHS								
	Ch: 0.00m to 11.60m	1	11.60	0.60			0.15	1.04	
	Ch: 11.60m to 38.80m	1	27.20	0.60			0.15	2.45	
	LHS								
	Ch: 0.00m to 12.40m	1	12.40	0.60			0.15	1.12	
	Ch: 12.40m to 37.50m	1	25.10	0.60			0.15	2.26	
	Athithi Café Opposite								
	Ch: 0.00m to 30.00m	1	30.00	0.90			0.15	4.05	
	Ch: 30.00m to 60.00m	1	30.00	0.90			0.15	4.05	
	Ch: 60.00m to 90.00m	1	30.00	0.90			0.15	4.05	
	Ch: 90.00m to 103.00m	1	13.00	0.90			0.15	1.76	
	3rd A cross Rhs								
	Ch: 0.00m to 30.00m	1	30.00	0.75			0.15	3.38	
	Ch: 30.00m to 40.00m	1	10.00	0.75			0.15	1.13	
	Road Gap								
	Ch: 40.00m to 69.10m	1	29.10	0.75			0.15	3.27	
	Road Gap								
	Ch: 69.10m to 91.90m	1	22.80	0.75			0.15	2.57	
	3rd A cross Lhs from dead end								
	Ch: 0.00m to 18.20m	1	18.20	0.75			0.15	2.05	
	Culvert Gap								
	Ch: 18.20m to 48.20m	1	30.00	0.75			0.15	3.38	
	Ch: 48.20m to 78.20m	1	30.00	0.75			0.15	3.38	
	Ch: 78.20m to 92.70m	1	14.50	0.75			0.15	1.63	
	3rd B cross Rhs								

10/5/22

Executive Engineer
Roads Infrastructure, Dasarahalli Division
Bruhat Bengaluru Mahanagara Palike
Bengaluru- 02.

C&FC 10/5/22

ractor

Infratech Pvt. Ltd. Consultant

Asst.Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ರಸ್ತೆ ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು, (ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Asst.Executive Engineer

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 0.00m to 30.00m	1	30.00	0.75			0.15	3.38	
	Ch: 30.00m to 60.00m	1	30.00	0.75			0.15	3.38	
	Ch: 60.00m to 61.20m	1	1.20	0.75			0.15	0.14	
	3rd Main Lhs								
	Ch: 0.00m to 18.70m	1	18.70	0.75			0.15	2.10	
	3rd Main Rhs								
	Ch: 0.00m to 24.20m	1	24.20	0.75			0.15	2.72	
	4th Main Lhs								
	Ch: 0.00m to 30.00m	1	30.00	0.75			0.15	3.38	
	Ch: 30.00m to 48.90m	1	18.90	0.75			0.15	2.13	
	4th Main Rhs								
	Ch: 0.00m to 30.00m	1	30.00	0.75			0.15	3.38	
	Ch: 30.00m to 13.70m	1	13.70	0.75			0.15	1.54	
	RCC Drain Wall								
	From SWD LHS								
	Ch: 0.00m to 30.00m	2	30.00	0.15			0.60	5.40	
	Ch: 30.00m to 48.80m	2	18.80	0.15			0.60	3.38	
	Culvert link Gap								
	Ch: 48.80m to 78.80m	2	30.00	0.15			0.85	7.65	
	Ch: 78.80m to 108.60m	2	29.80	0.15			0.85	7.60	
	Ch:108.60m to 138.60m	2	30.00	0.15			0.60	5.40	
	Ch: 138.60m to 168.60m	2	30.00	0.15			0.60	5.40	
	Ch: 168.60m to 198.60m	2	30.00	0.15			0.60	5.40	
	Ch: 198.60m to 216.70m	2	18.10	0.15			0.60	3.26	
	Culvert Gap								
	Ch: 216.70m to 246.70m	2	30.00	0.15			0.60	5.40	
	Ch: 246.70m to 276.70m	2	30.00	0.15			0.60	5.40	
	Ch: 276.70m to 306.70m	2	30.00	0.15			0.60	5.40	
	Ch: 306.70m to 329.80m	2	23.10	0.15			0.60	4.16	
	Continued								
	Ch: 329.80m to 332.90m	2	3.10	0.15			0.60	0.56	
	Ch: 332.90m to 351.30m	2	18.40	0.15			0.60	3.31	
	RHS From End								
	Ch: 0.00m to 30.00m	2	30.00	0.15			0.60	5.40	
	Ch: 30.00m to 52.30m	2	22.30	0.15			0.60	4.01	
	Ch: 52.30m to 54.00m	2	1.70	0.15			0.60	0.31	
	Ch: 54.00m to 82.70m	2	28.70	0.15			0.60	5.17	
	Ch: 82.70m to 94.40m	2	11.70	0.15			0.60	2.11	
	Ch: 94.40m to 104.10m	2	9.70	0.15			0.60	1.75	
	Ch: 104.10m to 115.80m	2	11.70	0.15			0.60	2.11	
	Ch: 115.80m to 129.30m	2	13.50						
	Ch: 129.30m to 140.70m	2	11.40	0.15			0.60	2.05	
	Ch: 140.70m to 158.60m	2	17.90	0.15			0.60	3.22	
	Culvert Gap								
	Ch: 158.60m to 186.30m	2	27.70						

10/5

10/5

Executive Engineer
Roads Infrastructure, Dasarahalli Division
Bengaluru Mahanagara Palike
Bengaluru 02

CRFC

Asst.Engineer

Asst. Executive Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Culvert Gap						
	Ch: 186.30m to 202.10m	2	15.80	0.15	0.60	2.84	
	Ch: 202.10m to 217.00m	2	14.90				
	Culvert Gap						
	Ch: 217.00m to 247.00m	2	30.00	0.15	0.80	7.20	
	247.00m to 255.70m	2	8.70	0.15	0.80	2.09	
	Culvert Gap						
	255.70m to 278.70m	2	23.00	0.20	1.40	12.88	
	SWD to Main Road RHS						
	Ch: 0.00m to 7.80m	2	7.80	0.15	0.90	2.11	
	Culvert gap						
	Ch: 7.80m to 37.80m	2	30.00	0.15	0.90	8.10	
	Ch: 37.80m to 43.80m	2	6.00	0.15	0.95	1.71	
	Culvert gap						
	Ch: 43.80m to 73.80m	2	30.00	0.15	0.95	8.55	
	Ch: 73.80m to 102.80m	2	29.00	0.15	0.95	8.27	
	SWD to Main Road LHS						
	Ch: 0.00m to 30.00m	2	30.00	0.15	0.90	8.10	
	Ch: 30.00m to 60.00m	2	30.00	0.15	0.90	8.10	
	Ch: 60.00m to 90.00m	2	30.00	0.15	0.90	8.10	
	Ch: 90.00m to 101.00m	2	11.00	0.15	0.90	2.97	
	School Gate						
	LHS						
	Ch: 0.00m to 11.60m	2	11.60	0.15	0.45	1.57	
	Ch: 11.60m to 38.80m	2	27.20	0.15	0.45	3.67	
	RHS						
	Ch: 0.00m to 12.40m	2	12.40	0.15	0.45	1.67	
	Ch: 12.40m to 37.50m	2	25.10	0.15	0.45	3.39	
	Athithi Café Opposite						
	Ch: 0.00m to 30.00m	2	30.00	0.15	0.75	6.75	
	Ch: 30.00m to 60.00m	2	30.00	0.15	0.75	6.75	
	Ch: 60.00m to 90.00m	2	30.00	0.15	0.75	6.75	
	Ch: 90.00m to 103.00m	2	13.00	0.15	0.75	2.93	
	3rd A cross Rhs						
	Ch: 0.00m to 30.00m	2	30.00	0.15	0.60	5.40	
	Ch: 30.00m to 40.00m	2	10.00	0.15	0.60	1.80	
	Road Gap						
	Ch: 40.00m to 69.10m	2	29.10	0.15	0.60	5.24	
	Road Gap						
	Ch: 69.10m to 91.90m	2	22.80	0.15	0.60	4.10	
	3rd A cross Lhs from dead end						
	Ch: 0.00m to 18.20m	2	18.20	0.15	0.60	3.28	
	Culvert Gap						
	Ch: 18.20m to 48.20m	2	30.00	0.15	0.60	5.40	
	Ch: 48.20m to 78.20m	2	30.00	0.15	0.60	5.40	

Executive Engineer
Roads Infrastructure, Dasarahalli Division
Bengaluru Mahanagara Palike
Bengaluru- 02.

tractor

Consultant

Asst.Engineer

Asst. Executive Engineer

tem No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 78.20m to 92.70m	2	14.50	0.15			0.60	2.61	
	3rd B cross Rhs								
	Ch: 0.00m to 30.00m	2	30.00	0.15			0.60	5.40	
	Ch: 30.00m to 60.00m	2	30.00	0.15			0.60	5.40	
	Ch: 60.00m to 61.20m	2	1.20	0.15			0.60	0.22	
	3rd Main Lhs								
	Ch: 0.00m to 18.70m	2	18.70	0.15			0.60	3.37	
	3rd Main Rhs								
	Ch: 0.00m to 24.20m	2	24.20	0.15			0.60	4.36	
	4th Main Lhs								
	Ch: 0.00m to 30.00m	2	30.00	0.15			0.60	5.40	
	Ch: 30.00m to 48.90m	2	18.90	0.15			0.60	3.40	
	4th Main Rhs								
	Ch: 0.00m to 30.00m	2	30.00	0.15			0.60	5.40	
	Ch: 30.00m to 13.70m	2	13.70	0.15			0.60	2.47	
	Culvert Raft								
	LHS	1	7.10	1.20			0.20	1.70	
	RHS								
		1	7.50	1.20			0.20	1.80	
		1	7.00	1.20			0.20	1.68	
		1	7.20	1.20			0.20	1.73	
		1	7.50	1.20			0.20	1.80	
	SWD to Main Road RHS	1	5.50	1.20			0.20	1.32	
		1	4.80	1.20			0.20	1.15	
	Starting Culvert Expansion								
		1	5.50	1.50			0.20	1.65	
		1	18.00	1.50			0.20	5.40	
	Culvert Wall								
	LHS	2	7.10	0.23			0.60	1.96	
	RHS								
		2	7.50	0.23			0.70	2.42	
		2	7.00	0.23			0.70	2.25	
		2	7.20	0.23			0.80	2.65	
		2	7.50	0.23			0.80	2.76	
	SWD to Main Road RHS	2	5.50	0.23			0.60	1.52	
		2	4.80	0.23			0.60	1.32	
	Starting Culvert Expansion								
		2	5.50	0.23			0.90	2.28	
		2	18.00	0.23			0.90	7.45	
	Culvert Deck Slab								
	LHS	1	7.10	1.20			0.22	1.87	
		1	18.00	1.20			0.22	4.75	
							Present Qty	**495.09**	**Cum**

checked.
10/5

Executive Engineer
Asst. Executive Engineer, Dasarahalli Division
Bruhat Bengaluru Mahanagara Palike
Bengaluru- 02.

Contractor

Consultant

Asst.Engineer

Asst. Executive Engineer

Widening & Comprehensive Development of Singapura Garden Road from Abbigere Main Road (Precision Components Factory) to Shrinikethan Layout (BDA Layout)

Detailed Measurements

Measurement Recorded On: 28/3/2022, 15/4/2022, 1/5/2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
23	KSRRB M2200-6. Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking placing in position lapping and /or welding wherever required , tying with binding wire and anchoring to the adjoining members wherever necessary complete as design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No. 1600 & 2200. TMT Bars Fe 500						
	Singapura Garden Road						
	RCC Drain Raft						
	From SWD LHS						
	Total Drain Length=351.30m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=2810	2810	2.20		0.61	3771.02	
	No of distrubution Bars=15	15	351.30		0.61	3214.40	
	RHS From End						
	Total Drain Length=278.70m						
	Main Bar 10mm dia @155mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @160mm c/c						
	d=0.61kg/m						
	No of U Bars=1798	1798	2.30		0.61	2522.59	
	No of distrubution Bars=14	14	278.70		0.61	2380.10	
	SWD to Main Road RHS						
	LHS						
	Total Drain Length=102.80m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=823	823	2.70		0.61	1355.48	
	No of distrubution Bars=18	18	102.80		0.61	1128.74	
	SWD to Main Road LHS						
	LHS						
	Total Drain Length=101.00m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						

Contractor

Infratech Pvt. Ltd. Consultant

Asst. Engineer

Asst. Executive Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=808	808	2.70		0.61	1330.78	
	No of distrubution Bars=18	18	101.00		0.61	1108.98	
	School Gate						
	LHS						
	Total Drain Length=38.80m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=310	310	1.50		0.61	283.65	
	No of distrubution Bars=10	10	38.80		0.61	236.68	
	RHS						
	Total Drain Length=37.50m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=300	300	1.50		0.61	274.50	
	No of distrubution Bars=10	10	37.50		0.61	228.75	
	Athithi Café Opposite						
	Total Drain Length=103.00m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=824	824	2.40		0.61	1206.34	
	No of distrubution Bars=16	16	103.00		0.61	1005.28	
	3rd A cross Rhs						
	Total Drain Length=91.90m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=735	735	1.95		0.61	874.28	
	No of distrubution Bars=13	13	91.90		0.61	728.77	
	3rd A cross Lhs from dead end						
	Total Drain Length=92.70m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=742	742	1.95		0.61	882.61	
	No of distrubution Bars=13	13	92.70		0.61	735.11	
	3rd B cross Rhs						
	Total Drain Length=61.20m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=490	490	1.95		0.61	582.86	
	No of distrubution Bars=13	13	61.20		0.61	485.32	
	3rd Main Lhs						
	Total Drain Length=18.70m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=150	150	1.95		0.61	178.43	
	No of distrubution Bars=13	13	18.70		0.61	148.29	
	3rd Main Rhs						
	Total Drain Length=24.20m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=194	194	1.95		0.61	230.76	
	No of distrubution Bars=13	13	24.20		0.61	191.91	
	4th Main Lhs						
	Total Drain Length=48.90m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=391	391	1.95		0.61	465.09	
	No of distrubution Bars=13	13	48.90		0.61	387.78	
	4th Main Rhs						
	Total Drain Length=43.70m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						

ractor

Consultant

Asst. Engineer

Asst. Executive Engineer

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
d=0.61kg/m						
No of U Bars=350	350	1.95		0.61	416.33	
No of distrubution Bars=13	13	43.70		0.61	346.54	
Culvert						
Total Culvert Length=70.10m						
Main Bar 12mm dia @150mm c/c						
d=0.89kg/m double mat,						
Distrubution Bar 10mm dia @160mm c/c						
d=0.61kg/m double mat,						
No of U Bars=934	934	2.70		0.89	2244.40	
No of distrubution Bars=34	34	70.10		0.61	1453.87	
Culvert Deck Slab						
Total Culvert Length=25.10m						
Main Bar 12mm dia @175mm c/c						
d=0.89kg/m double mat,						
Distrubution Bar 10mm dia @170mm c/c						
d=0.61kg/m double mat,						
No of U Bars=287	287	1.42		0.89	362.71	
No of distrubution Bars=16	16	25.10		0.61	244.98	
Compound Wall - Plinth						
From SWD LHS						
Total Drain Length=339.60m						
Main Bar 10mm dia @125mm c/c						
d=0.61kg/m						
Distrubution Bar 10mm dia @145mm c/c						
d=0.61kg/m						
No of U Bars=310	2716	1.80		0.89	4351.03	
No of distrubution Bars=10	15	339.60		0.61	3107.34	
Compound Wall - Plinth						
Backside						
Total Drain Length=64.70m						
Main Bar 10mm dia @110mm c/c						
d=0.61kg/m						
Distrubution Bar 10mm dia @115mm c/c						
d=0.61kg/m						
No of U Bars=588	588	5.40		0.89	2825.93	
No of distrubution Bars=47	47	64.70		0.89	2706.40	
For compound Wall						
Boundary Line						
Retaining Wall 26mtr Length						
Footing						

tor

Consultant

Asst. Engineer

Asst. Executive Engineer

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Main bar @16mm dia 150mmC/c						
Distribution Bar at 12mm dia 150mm/C						
26/0.15 =173Nos	173	2.00	1.00	1.58	546.68	
1/.15	6	2.00	26.00	0.89	277.68	
For Wall						
Main bar @16mm dia 150mmC/c	173	2.40	1.58		656.02	
Main bar @12mm dia 150mmC/c	173	2.00	0.89		307.94	
Distribution Bar at 12mm dia 150mm/C						
1.8/.15=12 Nos	12	2.00	26.00	0.89	555.36	
Retaining Wall 50mtr Length						
Footing						
Main bar @16mm dia 150mmC/c						
Distribution Bar at 12mm dia 150mm/C						
50/0.15 =333Nos	333	2.00	1.00	1.58	1052.28	
1/.15	6	2.00	50.00	0.89	534.00	
For Wall						
Main bar @16mm dia 150mmC/c	333	1.60	1.58		841.82	
Main bar @12mm dia 150mmC/c	333	1.20	0.89		355.64	
Distribution Bar at 12mm dia 150mm/C						
1.8/.15=12 Nos	12	2.00	50.00	0.89	1068.00	
Footing 11Nos						
Main bar @12mm dia 150mmC/c both ways						
Distribution Bar at 12mm dia 150mm/C						
	11	8.00	1.20	0.89	93.98	
	11	8.00	1.20	0.89	93.98	
For Coloumns upto plinth						
6Nos 16mm dia bar	11	6.00	1.20	1.58	125.14	
Stirrups 8mm Dia bar	11	2.40	2.40	0.39	24.71	
Plinth Beam						
6# 12mm dia bar	1	6.00	50.00	0.89	267.00	
Stirrups 8mm Dia bar @150mmC/c	333	1.80		0.39	233.77	
For Coloumns above plinth						
Total Nos of Coloumn =27 Nos						
6# of 12mm dia bar	27	6.00	1.85	0.89	266.73	
Stirrups 8mm dia @ 150mm C/c	27	12.00	1.20	0.39	151.63	
From SWD LHS						
Footing 24Nos						
Main bar @12mm dia 150mmC/c both ways						
Distribution Bar at 12mm dia 150mm/C						
1.2/0.15=8Nos	24	8.00	1.20	0.89	205.06	
	24	8.00	1.20	0.89	205.06	

Contractor

Infratech Pvt. Ltd. Consultant

Asst. Engineer

Asst. Executive Engineer

em No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	For Coloumns						
	8Nos 12mm dia bar	24	8.00	4.50	0.89	768.96	
	Stirrups 8mm Dia bar	24	6.00	2.40	0.39	134.78	
		24	18.00	1.20	0.39	202.18	
	Plinth Beam length 108.60m						
	4# of 12mm Dia bar	1	4.00	108.60	0.89	386.62	
	Stirrups 8mm dia bar	724	1.20		0.39	338.83	
	Footing 46 Nos						
	Main bar @12mm dia 150mmC/c both ways						
	Distribution Bar at 12mm dia 150mm/C						
	1.2/0.15=8Nos	46	8.00	1.20	0.89	393.02	
		46	8.00	1.20	0.89	393.02	
	For Coloumns						
	8Nos 12mm dia bar	46	8.00	4.50	0.89	1473.84	
	Stirrups 8mm Dia bar	46	6.00	2.40	0.39	258.34	
		46	18.00	1.20	0.39	387.50	
	Plinth Beam length 108.60m						
	4# of 12mm Dia bar	1	4.00	108.60	0.89	386.62	
	Stirrups 8mm dia bar	1540	2.40		0.39	1441.44	
	SWD to Main Road						
	Footing 14 Nos						
	Main bar @12mm dia 150mmC/c both ways						
	Distribution Bar at 12mm dia 150mm/C						
	1.2/0.15=8Nos	14	8.00	1.20	0.89	119.62	
		14	8.00	1.20	0.89	119.62	
	For Coloumns						
	8Nos 12mm dia bar	14	8.00	4.50	0.89	448.56	
	Stirrups 8mm Dia bar	14	6.00	2.40	0.39	78.62	
		14	18.00	1.20	0.39	117.94	
	Plinth Beam length 108.60m						
	4# of 12mm Dia bar	1	4.00	108.60	0.89	386.62	
	Stirrups 8mm dia bar	724	2.40		0.39	677.66	
	Backside						
	Retaining Wall 57mtr Length						
	Footing						
	Main bar @16mm dia 150mmC/c						
	Distribution Bar at 12mm dia 150mm/C						
	57/0.15 =380Nos	380	2.00	1.50	1.58	1801.20	
	1/.15	10	2.00	57.00	0.89	1014.60	
	For Wall						
	Main bar @16mm dia 150mmC/c	380	3.40	1.58		2041.36	

ractor

Consultant

Asst. Engineer

Asst. Executive Engineer

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Main bar @12mm dia 150mmC/c	380	2.75	0.89		930.05	
Distribution Bar at 12mm dia 150mm/C						
1.8/.15=12 Nos	16	2.00	57.00	0.89	1623.36	
For Coloumns Above Plinth						
8Nos 12mm dia bar	22	8.00	2.40	0.89	375.94	
Stirrups 8mm Dia bar	22	16.00	1.20	0.39	164.74	
					68325.52	Kgs
				Present Qty	**68.33**	**Tn**
				Qty to be released	**62.73**	**Tn**
				Qty to be reserved	**5.59**	**Tn**

ractor Consultant Asst. Engineer Asst. Executive Engineer

Widening & Comprehensive Development of Singapura Garden Road from Abbigere Main Road (Precision Components Factory) to Shrinikethan Layout (BDA Layout)

Detailed Measurements

Measurement Recorded On: 8/3/2022

m o	Discription of Item	No	Length	Breadth		Depth	Qty	Unit
	Providing and laying of Filter media with granular materials /stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MORTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification including cost of materials, labour, HOM complete as per specifications.							
	For compound Wall							
	Boundary Line	1	26.00	0.30		1.50	11.70	
		1	30.00	0.30		1.00	9.00	
		1	20.00	0.30		1.00	6.00	
	Backside							
	Ch: 0.00m to 30.00m	1	30.00	0.30		1.70	15.30	
	Ch: 30.00m to 53.40m	1	23.40	0.30		1.60	11.23	
	Ch: 53.40m to 64.70m	1	11.30	0.30		1.60	5.42	
	SWD to Main Road							
	Ch: 0.00m to 30.00m	1	30.00	0.30		0.80	7.20	
	Ch: 30.00m to 57.00m	1	27.00	0.30		0.80	6.48	
						Present Qty	**72.34**	**Cum**
						Limitted to	**72.00**	**Cum**

cor c

8/3/22

Nez Infratech Pvt. Ltd. Consultant

Asst.Engineer

Asst. Executive Engineer

dening & Comprehensive Development of Singapura Garden Road from Abbigere Main Road (Precision Components Factory) to Shrinikethan Layout (BDA Layout)

Detailed Measurements

surement Recorded On: 30/6/2022

n	Discription of Item	No	Length	Breadth		Depth	Qty	Unit
	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision.							
	Singapura Garden Road							
	Asphalt Road							
	From SWD to Srinikethan Layout							
	Ch: 0.00m to 17.20m	0.5	17.20	12.00	12.00	12.00	0.20	20.64
	Ch:17.20m to 47.20m	1	30.00	12.00	10.90	11.45	0.20	68.70
	Ch:47.20m to 72.50m	1	25.30	10.90	10.90	10.90	0.20	55.15
	Ch: 72.50m to 102.50m	1	30.00	9.60	10.60	10.10	0.20	60.60
	Ch: 102.50m to 132.50m	1	30.00	10.60	9.90	10.25	0.20	61.50
	Ch: 132.50m to 162.50m	1	30.00	9.90	10.50	10.20	0.20	61.20
	Ch: 162.50m to 192.50m	1	30.00	10.50	10.20	10.35	0.20	62.10
	Ch:192.50m to 222.50m	1	30.00	10.20	10.60	10.40	0.20	62.40
	Ch: 222.50m to 252.50m	1	30.00	10.60	10.80	10.70	0.20	64.20
	Ch: 252.50m to 256.70m	1	4.20	10.80	10.90	10.85	0.20	9.11
	Ch: 256.70m to 286.70m	1	30.00	12.60	12.60	12.60	0.20	75.60
	Ch: 286.70m to 301.90m	1	15.20	12.60	12.60	12.60	0.20	38.30
	Ch: 301.90m to 322.60m	1	20.70	7.80	7.80	7.80	0.20	32.29
	Continued							
	Ch: 322.60m to 352.60m	1	30.00	8.10	7.00	7.55	0.20	45.30
	Ch: 352.60m to 382.60m	1	30.00	7.00	6.50	6.75	0.20	40.50
	Ch: 382.60m to 412.60m	1	30.00	6.50	5.80	6.15	0.20	36.90
	Ch: 412.60m to 442.60m	1	30.00	5.70	5.30	5.50	0.20	33.00
	Ch: 442.60m to 447.70m	1	5.10	5.30	6.40	5.85	0.20	5.97
	3rd B cross							
	Ch: 0.00m to 2.40m	0	2.40	9.20	8.55	8.88	0.20	0.00
	Ch: 2.40m to 6.40m	1	4.00	8.50	9.80	9.15	0.20	7.32
	1st cross							
	Ch: 0.00m to 3.00m	0	3.00	8.20	5.90	7.05	0.20	0.00
	Ch: 3.00m to 33.00m	1	30.00	5.90	5.30	5.60	0.20	33.60
	Ch: 33.00m to 63.00m	1	30.00	5.30	5.20	5.25	0.20	31.50
	Ch: 63.00m to 77.80m	1	14.80	5.20	4.90	5.05	0.20	14.95
	SWD TO Main Road							
	Ch: 0.00m to 30.00m	1	30.00	9.80	9.70	9.75	0.20	58.50
	Ch: 30.00m to 60.00m	1	30.00	9.70	9.70	9.70	0.20	58.20

ctor

Infratech Pvt. Ltd.

Consultant

Asst Engineer

Asst. Executive Engineer

m	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 60.00m to 90.00m	1	30.00	9.70	9.60	9.65	0.20	57.90	
	Ch: 90.00m to 120.00m	1	30.00	9.60	9.70	9.65	0.20	57.90	
	3rd B cross								
	Ch: 0.00m to 30.00m	1	30.00	5.70	5.30	5.50	0.20	33.00	
	Ch: 30.00m to 60.00m	1	30.00	5.30	5.60	5.45	0.20	32.70	
	Ch: 60.00m to 20.10m	1	20.10	5.60	5.60	5.60	0.20	22.51	
	3rd A cross								
	Ch: 0.00m to 30.00m	1	30.00	6.10	6.00	6.05	0.20	36.30	
	Ch: 30.00m to 60.00m	1	30.00	6.00	5.60	5.80	0.20	34.80	
	Ch: 60.00m to 90.00m	1	30.00	5.60	6.50	6.05	0.20	36.30	
	Ch: 90.00m to 104.50m	1	14.50	6.50	6.20	6.35	0.20	18.42	
	3rd Main								
	Ch: 0.00m to 21.30m	1	21.30	6.10	5.80	5.95	0.20	25.35	
	4th Main								
	Ch: 0.00m to 30.00m	1	30.00	6.10	6.00	6.05	0.20	36.30	
	Ch: 30.00m to 45.20m	1	15.20	6.00	6.20	6.10	0.20	18.54	
	4th cross								
	Ch: 0.00m to 30.00m	1	30.00	6.00	5.80	5.90	0.20	35.40	
	Ch: 30.00m to 60.00m	1	30.00	5.80	5.30	5.58	0.20	33.30	
	Ch: 60.00m to 90.00m	1	30.00	5.30	5.30	5.30	0.20	31.80	
	Ch: 90.00m to 100.00m	1	10.00	5.30	5.80	5.55	0.20	11.10	
	5th cross								
	Ch: 0.00m to 30.00m	1	30.00	5.90	5.70	5.80	0.20	34.80	
	Ch: 30.00m to 60.00m	1	30.00	5.70	5.30	5.50	0.20	33.00	
	Ch: 60.00m to 90.00m	1	30.00	5.30	5.30	5.30	0.20	31.80	
	Ch: 90.00m to 99.00m	1	9.00	5.30	5.60	5.45	0.20	9.81	
	CC Adjacent to SWD								
	Ch: 0.00m to 3.00m	0.5	3.00	0.00	2.10	1.05	0.20	0.32	
	Ch: 3.00m to 33.00m	1	30.00	2.10	1.85	1.98	0.20	11.85	
	Ch: 33.00m to 48.80m	1	15.80	1.85	1.55	1.70	0.20	5.37	
							Present Qty	**1686.10**	**Cum**
							Qty to be released	**1382.45**	**Cum**
							Qty to be reserved	**303.65**	**Cum**

tor

Consultant

Asst.Engineer

Asst. Executive Engineer

Widening & Comprehensive Development of Singapura Garden Road from Abbigere Main Road (Precision Components Factory) to Shrinikethan Layout (BDA Layout)

Detailed Measurements

Measurement Recorded On: 27/7/2022

Discription of Item	No	Length	Breadth		Depth	Qty	Unit
KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406							
Singapura Garden Road							
Asphalt Road							
From SWD to Srinikethan Layout							
Ch: 0.00m to 17.20m	0.5	17.20	12.00	12.00	12.00	0.25	25.80
Ch:17.20m to 47.20m	1	30.00	12.00	10.90	11.45	0.25	85.88
Ch:47.20m to 72.50m	1	25.30	10.90	10.90	10.90	0.25	68.94
Ch: 72.50m to 102.50m	1	30.00	9.60	10.60	10.10	0.25	75.75
Ch: 102.50m to 132.50m	1	30.00	10.60	9.90	10.25	0.25	76.88
Ch: 132.50m to 162.50m	1	30.00	9.90	10.50	10.20	0.25	76.50
Ch: 162.50m to 192.50m	1	30.00	10.50	10.20	10.35	0.25	77.63
Ch:192.50m to 222.50m	1	30.00	10.20	10.60	10.40	0.25	78.00
Ch: 222.50m to 252.50m	1	30.00	10.60	10.80	10.70	0.25	80.25
Ch: 252.50m to 256.70m	1	4.20	10.80	10.90	10.85	0.25	11.39
Ch: 256.70m to 286.70m	1	30.00	12.60	12.60	12.60	0.25	94.50
Ch: 286.70m to 301.90m	1	15.20	12.60	12.60	12.60	0.25	47.88
Ch: 301.90m to 322.60m	1	20.70	7.80	7.80	7.80	0.25	40.37
Continued							
Ch: 322.60m to 352.60m	1	30.00	8.10	7.00	7.55	0.25	56.63
Ch: 352.60m to 382.60m	1	30.00	7.00	6.50	6.75	0.25	50.63
Ch: 382.60m to 412.60m	1	30.00	6.50	5.80	6.15	0.25	46.13
Ch: 412.60m to 442.60m	1	30.00	5.70	5.30	5.50	0.25	41.25
Ch: 442.60m to 447.70m	1	5.10	5.30	6.40	5.85	0.25	7.46
3rd B cross							
Ch: 0.00m to 2.40m	0	2.40	9.20	8.55	8.88	0.25	0.00
Ch: 2.40m to 6.40m	1	4.00	8.50	9.80	9.15	0.25	9.15
1st cross							
Ch: 0.00m to 3.00m	0	3.00	8.20	5.90	7.05	0.25	0.00
Ch: 3.00m to 33.00m	1	30.00	5.90	5.30	5.60	0.25	42.00
Ch: 33.00m to 63.00m	1	30.00	5.30	5.20	5.25	0.25	39.38
Ch: 63.00m to 77.80m	1	14.80	5.20	4.90	5.05	0.25	18.69
3rd B cross							
Ch: 0.00m to 30.00m	1	30.00	5.70	5.30	5.50	0.25	41.25
Ch: 30.00m to 60.00m	1	30.00	5.30	5.60	5.45	0.25	40.88
Ch: 60.00m to 20.10m	1	20.10	5.60	5.60	5.60	0.25	28.14

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer

Discription of Item	No	Length	Breadth			Depth	Qty	Unit
3rd A cross								
Ch: 0.00m to 30.00m	1	30.00	6.10	6.00	6.05	0.25	45.38	
Ch: 30.00m to 60.00m	1	30.00	6.00	5.60	5.80	0.25	43.50	
Ch: 60.00m to 90.00m	1	30.00	5.60	6.50	6.05	0.25	45.38	
Ch: 90.00m to 104.50m	1	14.50	6.50	6.20	6.35	0.25	23.02	
3rd Main								
Ch: 0.00m to 21.30m	1	21.30	6.10	5.80	5.95	0.25	31.68	
4th Main								
Ch: 0.00m to 30.00m	1	30.00	6.10	6.00	6.05	0.25	45.38	
Ch: 30.00m to 45.20m	1	15.20	6.00	6.20	6.10	0.25	23.18	
4th cross								
Ch: 0.00m to 30.00m	1	30.00	6.00	5.80	5.90	0.25	44.25	
Ch: 30.00m to 60.00m	1	30.00	5.80	5.30	5.55	0.25	41.63	
Ch: 60.00m to 90.00m	1	30.00	5.30	5.30	5.30	0.25	39.75	
Ch: 90.00m to 100.00m	1	10.00	5.30	5.80	5.55	0.25	13.88	
5th cross								
Ch: 0.00m to 30.00m	1	30.00	5.90	5.70	5.80	0.25	43.50	
Ch: 30.00m to 60.00m	1	30.00	5.70	5.30	5.50	0.25	41.25	
Ch: 60.00m to 90.00m	1	30.00	5.30	5.30	5.30	0.25	39.75	
Ch: 90.00m to 99.00m	1	9.00	5.30	5.60	5.45	0.25	12.26	
SWD TO Main Road								
Ch: 0.00m to 30.00m	1	30.00	9.80	9.70	9.75	0.25	73.13	
Ch: 30.00m to 60.00m	1	30.00	9.70	9.70	9.70	0.25	72.75	
Ch: 60.00m to 90.00m	1	30.00	9.70	9.60	9.65	0.25	72.38	
Ch: 90.00m to 120.00m	1	30.00	9.60	9.70	9.65	0.25	72.38	
Front of Transfer point								
Ch: 18.50m to 48.50m	1	30.00	15.20	15.00	15.10	0.25	113.25	
Ch: 48.50m to 78.50m	1	30.00	15.00	14.80	14.90	0.25	111.75	
Ch: 78.50m to 108.50m	1	30.00	14.80	15.20	15.00	0.25	112.50	
Ch: 108.50m to 109.20m	1	0.70	15.20	15.70	15.45	0.25	2.70	
						Present Qty	**2425.91**	**Cum**
						Qty to be reserved	**2293.75**	**Cum**
						Qty to be reserved	**132.16**	**Cum**

tractor

Consultant

Asst. Engineer

Asst. Executive Engineer

Widening & Comprehensive Development of Singapura Garden Road from Abbigere Main Road (Precision Components Factory) to Shrinikethan Layout (BDA Layout)

Detailed Measurements

Measurement Recorded On: 26/3/2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
31	KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 KSRB 5.2-3 : - do - cement mortar 1:6 KBS 5.1.13						
	Singapura Garden Road						
	Compound Wall - SSM stage 1						
	From SWD LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.60	2.40	43.20	
	Ch: 30.00m to 48.80m	1	18.80	0.60	2.40	27.07	
	Ch: 30.00m to 78.80m	1	30.00	0.60	1.80	32.40	
	Ch: 30.00m to 108.60m	1	29.80	0.60	1.40	25.03	
	Compound Wall - SSM stage 1						
	From SWD LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.45	0.45	6.08	
	Ch: 30.00m to 48.80m	1	18.80	0.45	0.45	3.81	
	Ch: 30.00m to 78.80m	1	30.00	0.45	0.45	6.08	
	Ch: 30.00m to 108.60m	1	29.80	0.45	0.45	6.03	
	Compound Wall - SSM stage 1						
	SWD to Main Road						
	Ch: 0.00m to 30.00m	1	30.00	0.60	0.60	10.80	
	Ch: 30.00m to 57.00m	1	27.00	0.60	0.60	9.72	
	Compound Wall - SSM stage 1						
	SWD to Main Road						
	Ch: 0.00m to 30.00m	1	30.00	0.45	0.45	6.08	
	Ch: 30.00m to 57.00m	1	27.00	0.45	0.45	5.47	
	Deduct Compound Pillars						
	Road Side	-70	0.45	0.60	1.20	-22.68	
	SWD to Main Road	-27	0.45	0.60	0.60	-4.37	
	Road Side	-70	0.45	0.45	0.45	-6.38	
	SWD to Main Road	-27	0.45	0.45	0.45	-2.46	
					Present Qty	**145.86**	**Cum**
					Qty to be released	**58.35**	**Cum**
					Qty to be reserved	**87.51**	**Cum**

87.86

tractor

Infratech Pvt. Ltd. Consultant

Asst.Engineer

Asst. Executive Engineer

Widening & Comprehensive Development of Singapura Garden Road from Abbigere Main Road (Precision Components Factory) to Shrinikethan Layout (BDA Layout)

Detailed Measurements

Measurement Recorded On: 27/6/2022

Item No	Discription of Item	No	Length	Breadth		Depth	Qty	Unit
38	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. MORTH I Chapter 3							
	Singapura Garden Road							
	Asphalt Road							
	From SWD to Srinikethan Layout							
	Ch: 0.00m to 17.20m	0.5	17.20	12.00	12.00	12.00		103.20
	Ch:17.20m to 47.20m	1	30.00	12.00	10.90	11.45		343.50
	Ch:47.20m to 72.50m	1	25.30	10.90	10.90	10.90		275.77
	Ch: 72.50m to 102.50m	1	30.00	9.60	10.60	10.10		303.00
	Ch: 102.50m to 132.50m	1	30.00	10.60	9.90	10.25		307.50
	Ch: 132.50m to 162.50m	1	30.00	9.90	10.50	10.20		306.00
	Ch: 162.50m to 192.50m	1	30.00	10.50	10.20	10.35		310.50
	Ch:192.50m to 222.50m	1	30.00	10.20	10.60	10.40		312.00
	Ch: 222.50m to 252.50m	1	30.00	10.60	10.80	10.70		321.00
	Ch: 252.50m to 256.70m	1	4.20	10.80	10.90	10.85		45.57
	Ch: 256.70m to 286.70m	1	30.00	12.60	12.60	12.60		378.00
	Ch: 286.70m to 301.90m	1	15.20	12.60	12.60	12.60		191.52
	Ch: 301.90m to 322.60m	1	20.70	7.80	7.80	7.80		161.46
	Continued							
	Ch: 322.60m to 352.60m	1	30.00	8.10	7.00	7.55		226.50
	Ch: 352.60m to 382.60m	1	30.00	7.00	6.50	6.75		202.50
	Ch: 382.60m to 412.60m	1	30.00	6.50	5.80	6.15		184.50
	Ch: 412.60m to 442.60m	1	30.00	5.70	5.30	5.50		165.00
	Ch: 442.60m to 447.70m	1	5.10	5.30	6.40	5.85		29.84
	3rd B cross							
	Ch: 0.00m to 2.40m	0	2.40	9.20	8.55	8.88		0.00
	Ch: 2.40m to 6.40m	1	4.00	8.50	9.80	9.15		36.60
	1st cross							
	Ch: 0.00m to 3.00m	0	3.00	8.20	5.90	7.05		0.00
	Ch: 3.00m to 33.00m	1	30.00	5.90	5.30	5.60		168.00
	Ch: 33.00m to 63.00m	1	30.00	5.30	5.20	5.25		157.50
	Ch: 63.00m to 77.80m	1	14.80	5.20	4.90	5.05		74.74
	SWD TO Main Road							
	Ch: 0.00m to 30.00m	1	30.00	9.80	9.70	9.75		292.50
	Ch: 30.00m to 60.00m	1	30.00	9.70	9.70	9.70		291.00
	Ch: 60.00m to 90.00m	1	30.00	9.70	9.60	9.65		289.50
	Ch: 90.00m to 120.00m	1	30.00	9.60	9.70	9.65		289.50
	3rd B cross							

ntractor

Consultant

Asst. Engineer

Asst. Executive Engineer